

• First Glances at New Books

Additional Reviews
On Page 356

Psychology

COMPARATIVE PSYCHOLOGY, VERTEBRATES—Carl J. Warden, Thomas N. Jenkins, and Lucien H. Warner—*Ronald Press*, 560 p., \$4.50. The second volume of a comprehensive treatise containing a great wealth of material on the psychology of the vertebrates from fish to ape. The psychologist will probably regard this work as a necessity for his bookshelves and the biologist will also find interest in it. Aside from its technical value, the interesting facts it records make it good reading. Did you know, for example, that only a few snakes hiss? That the ratio of power to weight is higher for birds than for any other vertebrate? Or that calves are probably color-blind? A bibliography of 199 titles is included.

Science News Letter, May 30, 1936

Travel

MOTORISTS' GUIDE TO MEXICO—Michael and Virginia Scully—*Turner Co., Dallas, Texas*, 104 p., 35c.

Science News Letter, May 30, 1936

Mathematics

ANALYTIC GEOMETRY—C. H. Sisam—*Henry Holt*, 310 p., \$2. A text by the professor of mathematics at Colorado College. It is primarily intended for a course of three semester hours, but includes subject matter for a five-hour course, arranged so as to facilitate use of as much material as is desired.

Science News Letter, May 30, 1936

Biology

SOCIAL BIOLOGY—Everett P. Walton and Philip E. Foss—*Blakiston's*, 572 p., \$1.68. A general textbook for secondary schools, in which the conscious aim is to interpret biological phenomena in terms of social significances.

Science News Letter, May 30, 1936

Mathematics

AN OUTLINE OF PROBABILITY AND ITS USES—Maurice C. Holmes—*Edwards Bros.*, 119 p., lithoprinted, \$1.50.

Science News Letter, May 30, 1936

Chemistry

EXPERIMENTS IN CHEMISTRY; 3rd Ed.—Howard B. Lewis and Lila Miller—*Edwards Bros.*, 67 p., \$1.90.

Science News Letter, May 30, 1936

Botany

THE FORESTS AND FLORA OF BRITISH HONDURAS—Paul C. Standley and Samuel J. Record—*Field Museum of Natu-*

ral History, 432 p., \$2.25. A taxonomic recording of the flora of a botanically interesting region hitherto much in need of such treatment; with brief discussion of geographic and economic botanical topics.

Science News Letter, May 30, 1936

Medicine

DON'T BELIEVE IT!—August A. Thomen—*Pub. by author*, 348 p., \$2.65. "False notions, errors, misconceptions and misinformation pertaining to health and hygiene, major ailments and cancer, minor ailments and remedies, food and diet, mind and senses, body, marriage and death; and health fallacies derived from superstition and folk-lore, explained and corrected."

Science News Letter, May 30, 1936

Physics

PHOTO-ELECTRIC AND SELENIUM CELLS, THEIR OPERATION, CONSTRUCTION AND USES—T. J. Fielding—*Instruments Publishing Co.*, 140 p., \$1.75. American edition of a book published in England by Chapman and Hall.

Science News Letter, May 30, 1936

Sports History

LITTLE WOMEN GROW BOLD—Mary E. Ford—*Bruce Humphries*, 242 p., \$2. A history of sportswomen and adventurous women from ancient times to the present.

Science News Letter, May 30, 1936

Ichthyology

THE MARINE FISHES OF WEST AFRICA BASED ON THE COLLECTION OF THE AMERICAN MUSEUM CONGO EXPEDITION, 1909-1915—Henry W. Fowler—*American Museum of Natural History*, 605 p., \$5. Monographic treatment, illustrated with line drawings, of the fish fauna of a little-known region.

Science News Letter, May 30, 1936

Biography—Medicine

THOSE WERE GOOD DAYS—Carl Ludwig Schleich (Trans. by Bernard Miall)—*Norton*, 280 p., \$3.50. Reminiscences by a distinguished surgeon, who was the pioneer in local anesthesia as well as a brilliant musician, painter and poet.

Science News Letter, May 30, 1936

Sociology

CITY PLANNING HOUSING—Werner Hegemann—*Architectural Book*, 257 p., \$3.75. This first volume of a three-volume set covers historical and sociological angles of housing, from George Washington's plans for a capital city to interesting modern projects in Sweden.

Science News Letter, May 30, 1936

Hygiene

PERSONAL AND COMMUNITY HYGIENE GUIDEBOOK—Howard L. Conrad and Joseph F. Meister—*Edwards Bros.*, 63 p., 60c.

Science News Letter, May 30, 1936

Physics

UNITS OF WEIGHT AND MEASURE (United States Customary and Metric); Definitions and Tables of Equivalents—National Bureau of Standards—*U. S. Govt. Print. Off.*, 68 p., 15c.

Science News Letter, May 30, 1936

● RADIO

June 2, 2:15 p. m., E.S.T.

WHAT ABOUT TWINS?—Dr. Alan Guttmacher of Johns Hopkins Medical School.

June 16, 2:15 p. m., E.S.T.

CRIME LABORATORIES—Dr. William Souder of the National Bureau of Standards.

(No program on June 9.)

In the Science Service series of radio discussions led by Watson Davis, Director, over the Columbia Broadcasting System.

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Additional Reviews
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Child Care

DR. DAFOE'S GUIDEBOOK FOR MOTHERS—Allan Roy Dafoe—*Messner*, 246 p., \$1.50. Every mother will want this book because it is written by the man who has become probably the most famous "baby doctor" of our generation as a result of his successful care of the Dionne quintuplets. Every baby will benefit if his mother—and father—reads the book because it is full of sound advice on matters important to baby welfare. In addition, the informal, charming style reflects the author's personality so well that those who have not had the privilege of meeting Dr. Dafoe may make his acquaintance by reading this book.

Science News Letter, May 30, 1936

Economics—Engineering

REGIONAL PLANNING—Karl B. Lohmann—*Edwards Bros.*, 143 p., \$4. A lithoprinted, paper-bound text prepared by the professor of landscape architecture at the University of Illinois. Regional planning "involves a knowledge of how the population is to be distributed for the realization of social and economic aims and how it is to be cared for in its housing, commercial, industrial, recreational and other facilities."

Science News Letter, May 30, 1936

Aviation

THIS FLYING GAME—H. H. Arnold and Ira Eaker—*Funk & Wagnalls*, 275 p., \$3. Two U. S. army officers, authorities in their field, discuss the history of aviation, training and qualifications for flying and for other positions in aviation, airplanes and airships of today and probable future developments. It has an especial appeal for the fathers of the airminded youngsters who belong to one of the various junior flying clubs.

Science News Letter, May 30, 1936

Botany

FLORA OF PERU, Part I—J. Francis Macbride—*Field Museum of Natural History*, 320 p., \$2. The first volume of what promises to be an important taxonomic series. This volume includes genera from *Zamia* to *Carex*.

Science News Letter, May 30, 1936

Psychology

LECTURES ON CONDITIONED REFLEXES—Ivan Petrovitch Pavlov; Trans. by W. Horsley Gantt and G. Volborth—*Liveright Pub. Corp.*, 414 p., \$3. A new edition of this important work.

The translator spent the years from 1925 to 1928 in Prof. Pavlov's laboratory as a co-worker during which time he gained the insight into the great Russian physiologist's accomplishments which facilitated his translation of these lectures. The book contains an introduction by Dr. Walter B. Cannon, and a biographical sketch of Prof. Pavlov.

Science News Letter, May 30, 1936

Biology

ANIMAL MICROLOGY — Michael F. Guyer—*Univ. of Chicago Press*, 331 p., \$2.50. Fourth edition, revised.

Science News Letter, May 30, 1936

Mathematics

L'ARITHMÉTIQUE DANS LES ALGÈBRES DE MATRICES—Claude Chevalley—*Hermann & Cie., Paris*, 33 p., 10fr.

Science News Letter, May 30, 1936

Statistics

ÉTUDE STATISTIQUE DE LA FÉCONDITÉ MATRIMONIALE—A. C. Mukherji—*Hermann & Cie., Paris*, 78 p., 16fr.

Science News Letter, May 30, 1936

Mathematical Physics

LES DÉFINITIONS MODERNES DE LA DIMENSION—Georges Bouligand—*Hermann & Cie., Paris*, 44 p., 12fr.

Science News Letter, May 30, 1936

Mathematics

LES INVOLUTIONS CYCLIQUES APPARTENANT À UNE SURFACE ALGÈBRE—Lucien Godeaux—*Hermann & Cie., Paris*, 43 p., 12fr.

Science News Letter, May 30, 1936

Mathematics

EXPOSÉS SUR LA THÉORIE DES FONCTIONS: 1, Les Théorèmes de la Moyenne pour les Polynômes—J. Favard, 50 p., 15fr.; 2, Séries Lacunaires—S. Mandelbrojt—*Hermann & Cie., Paris*, 40 p., 12fr.

Science News Letter, May 30, 1936

Hygiene

NEW BODIES FOR OLD—Dorothy Nye—*Funk & Wagnalls*, 135 p., \$2. Almost any woman will feel inspired to try the exercises so clearly described and cleverly pictured; for, alas, How many of us have perfect figures?

Science News Letter, May 30, 1936

Psychology

THE ANATOMY OF PERSONALITY—Howard W. Haggard and Clements C. Fry—*Harper*, 357 p., \$3. Physicians are coming to recognize that body and mind do not exist separately; when one is ill both must be considered in the treatment. To what extent one influences the other still remains a puzzling problem, however. The scientist takes little stock in the theories of those who would read character or personality from the bumps on the head or other external features. But many believe that there are constitutional factors which may determine alike the emotional make-up and the body build. The person of one body build, who is subject to certain groups of physical diseases seems likely, if he develops mental disease, to have it come in the form of certain of the psychoses and not of others. This book by the authors of "Devils, Drugs and Doctors" is a readable discussion of what medical science has contributed to this field.

Science News Letter, May 30, 1936

Aeronautics

PRACTICAL AIR NAVIGATION AND THE USE OF THE AERONAUTICAL CHARTS OF THE DEPARTMENT OF COMMERCE—Thoburn C. Lyon—*Govt. Print. Off.*, 62 p., 44 illus., 2 plates, 30c.

Science News Letter, May 30, 1936

Invention

INVENTION AND THE LAW—Harry A. Toulmin, Jr.—*Prentice-Hall*, 399 p., \$5. Legal aspects of the basic principles of invention, for lawyers and others interested, with extracts from court opinions and decisions, and a thirty-page bibliography.

Science News Letter, May 30, 1936

Logic

LA LOGIQUE DE LA SCIENCE ET L'ÉCOLE DE VIENNE — Gen. Vouillemin, 45 p., 10 fr.; LE PROBLÈME DE LA LOGIQUE DE LA SCIENCE—R. Carnap, 37 p., 8 fr.; SUR LE FONDEMENT DE LA CONNAISSANCE—Moritz Schlich 54 p., 10 fr.; LE DÉVELOPPEMENT DU CERCLE DE VIENNE ET L'AVENIR DE L'EMPIRISME LOGIQUE—Otto Neurath, 57 p., 10 fr.—*Hermann & Cie., Paris*.

Science News Letter, May 30, 1936

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